

Active Recombinant Human TNFSF13B Protein, N-His-tagged

Cat. No. TNFSF13B-24H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13B Protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	190aa
Description	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.
Form	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.
Bio-activity	Measured by its binding ability in a functional ELISA with Human BAFFR.
Molecular Mass	21.4 kDa
AA Sequence	MAV QGPEETVTQD CLQLIADSET PTIQKGSYTF VPWLLSFKRG SALEEEKENKI LVKETGYFFI YGQVLYTDKT YAMGHLIQRK KVHVFGDELS LVTFLRCIQN MPETLPNNSC YSAGIAKLEE GDELQLAIPR ENAQISLDGD VTFFGALKLL

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N-terminal Sequence Analysis	134-285aa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method).
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at 2 centigrade to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 centigrade to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay).

GENE INFORMATION

Gene Name	TNFSF13B TNF superfamily member 13b [Homo sapiens (human)]
Official Symbol	TNFSF13B
Synonyms	DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNLG7A; TNFSF20
Gene ID	10673
mRNA Refseq	NM_006573.5
Protein Refseq	NP_006564.1

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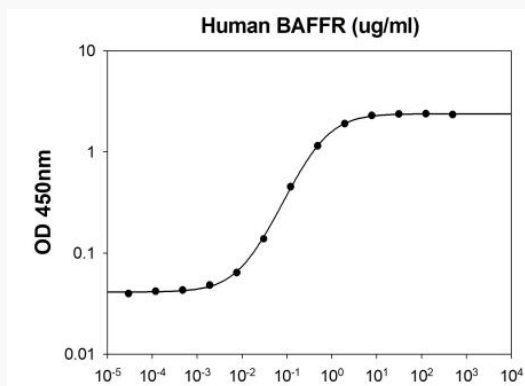
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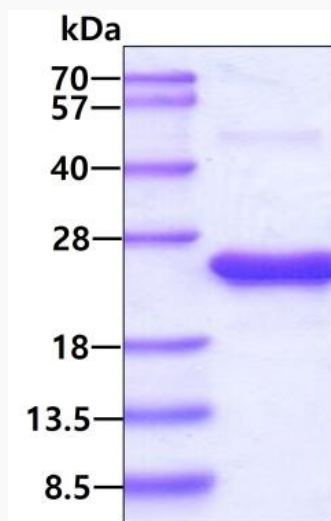
UniProt ID Q02223

Biological Activity



Human BAFF is coated at 5 ug/ml (100 ul/well) can bind Human BAFFR in a Functional ELISA assay.

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue

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